

INDEX TO VOLUME 11

The asterisk (*) preceding the page number indicates an original article in the Archives. Subject entries are made for all articles. Author entries are made for original articles and articles in society transactions. Book Reviews, Obituaries and Society Transactions are indexed under these headings in their alphabetical order under the letters B, O, and S respectively.

	PAGE
Abdomen , ganglioneuroma of retroperitoneal origin; report of case, with bibliographic references to 93 similar tumors.....*	118
Abortion , colposcopic detection of criminal abortion.....	496
pathologic anatomy of septic abortion....	164
Salmonella causing abortion in sheep....	967
Acetone bodies in normal pregnancy and in toxemias of pregnancy.....	960
Acid , alanine and pyruvic acid in biologic substrates, quantitative determination of.....	646
boric, for preservation of milk naturally infected with Brucella abortus.....	822
glycuronic; another method for quantitative estimation of glycuronic acid.....	648
glycuronic acid of urine as a functional test of liver, quantitative estimation of.....	648
hydrochloric, experimental gastritis due to dilute hydrochloric acid.....	298
sulphuric, pyloric occlusion from.....	466
Addison's Disease ; adrenal atrophy and adrenal tuberculosis in relation to Addison's disease.....	296
adrenal atrophy in Addison's disease....	296
atrophy of adrenals associated with.....	296
in Negro; report of case.....	459
Adenoma , aberrant, of thyroid.....	297
fetal, of hypophysis and dermoid cyst of hypothalamus.....	*22
of parathyroid.....	493
significance of invasion of blood vessels in adenomas of thyroid.....*	255
testicular tubular adenoma of ovary....	495
Adrenals : See Suprarenals	
Agglutination , quantitative relations in agglutination and precipitation.....	151
Agglutinins , characteristics of natural agglutinins.....	481
development of agglutinins and protective antibodies in rabbits, after inhalation of type II pneumococci.....	146
isohemagglutinins in pregnancy.....	485
T-erythrocytes and T-agglutinins.....	156
Agranulocytosis : See Angina	
Alanine , quantitative determination of alanine and pyruvic acid in biologic substrates.....	646
Albers-Schoenberg's disease ; "marble bones".....	509
Alexin , effect on mixtures of Rous sarcoma virus and antiviral.....	814
Allergy : See Anaphylaxis and Allergy	
Alter , N. M.: Albers-Schoenberg's disease; "marble bones".....	509
Alveolar air , method for sampling in man..	500
Amebiasis , experimental, in kittens.....	818
Amines as antigens.....	487
Amyloidosis , generalized; report of a case.. number of basophil cells in human hypophysis in amyloidosis of kidneys and suprarenal glands.....	299

Amyotonia Congenita : See Myatonia congenita	
Anaerobes , growth of anaerobes in relation to potential of medium.....	825
Anaphylaxis and Allergy ; anaphylactic reaction in smooth muscle.....	484
anaphylactic responses of guinea-pig's skin.....	485
experiments on anaphylaxis to azo-proteins.....	147
mechanism of desensitization of allergic skin.....	816
unusually highly developed anaphylactic state in guinea-pig.....	817
use of broth culture filtrates in anaphylaxis experiments.....	151
Ancylostoma : See under Hookworm	
Anderson , H. H.: Effect of emetine on cardiac muscle.....*	546
Anderson , S. A.: Variation of a bacillus coil-like organism.....	833
Anemia , Bartonella muris anemia in albino rat.....	141
experimental, liver extract in.....	462
immunity and mechanism of splenic control in Bartonella anemia of rats..	657
pernicious, bacterial flora of small intestine in.....	145
pernicious, crystalline derivative of acid in liver in.....	302
pernicious, differentiation of tropical sprue from pernicious anemia by Arneth count.....	806
pernicious, filtrable microbe in blood in..	657
pernicious, neutral red test in.....	830
red blood cell size in.....	497
Anesthesia , chloroform content of brain following.....*	841
ether, calcium changes in brain in.....	639
Aneurysm , aortic, spontaneously healed dissecting.....	299
congenital, of interventricular septum..	288
multiple, of arteries of right arm associated with arteriovenous fistula and arterial embolism.....	284
of bronchial arteries.....	464
of coronary arteries.....	284
origin of millary aneurysms of superficial cerebral arteries.....	643
ruptured, of cystic artery of gallbladder as result of toxic arteritis, report of case.....*	884
Angina , changes in bone marrow in agranulocytosis.....	644
recurrent agranulocytosis.....	137
Angina Pectoris , rôle of syphilis in etiology of angina pectoris, coronary arteriosclerosis and thrombosis, and of sudden cardiac death.....	666
Angioma , multiple, intracranial.....	286
Ankylostomiasis : See Hookworm	
Anthracois : See Pneumococcosis	
Anthrax , B. anthracis infection through guinea-pig's mucous membrane.....	828
effect of calcium on anthrax cultures....	654
Antibodies : See Antigens and Antibodies	
Antigen and Antibodies; a common antigen in human red cells and in Shiga's bacillus.....	156
amines as antigens.....	487
antibodies against leukocytes.....	319

INDEX TO VOLUME 11

Antigen and Antibodies—Continued	PAGE
demonstration of specific antigens in cancer tissue.....	323
heterophilic antibody in human serum and skin reaction to guinea-pig serum....	481
type-specific protective antibody in anti-pneumococcus serum not neutralized by homologous specific soluble substance..	813
Aorta, finding of spirochetes in syphilitic mesoarteritis.....	655
localization of luetic virus in.....	804
syphilis of aorta and heart.....	803
vital impregnation of aortic wall with trypan blue.....	463
vitamin D sclerosis in rat's aorta.....	296
Apfelbach, C. W.: Spontaneous bilateral decapsulation of kidneys, report of case.....	*914
Appendix, mucocele of, with diverticulum and invagination into cecum.....	328
musculonervous structures in submucosa of.....	285
*Applebaum, M.: Influence of pus and blood on action of bacteriophage.....	680
Aqueduct of Sylvius: See under Brain	
Aqueous humour, intraocular pressure and drainage of aqueous humour.....	461
Arachnoid, cells of spinal arachnoid in pathologic conditions.....	808
cysts, compression of spinal cord by.....	959
Argentaffine cells, enterochromo-argentaffine cells.....	*171
cells, significance of.....	300
Armentrout, A. W.: Embolism and thrombosis; prolonged direct observation of phenomena in pial vessels of living cat.*519	
Arsenic, distribution in body.....	324
Influence of arsenicals and crystalline glutathione on oxygen consumption of tissues.....	647
Arteries: See also Aneurysm; Aorta; Arteriosclerosis; Blood pressure; Embolism; Thrombosis; etc.	
coronary; arteriovenous communication between right coronary artery and coronary sinus.....	131
coronary, hemorrhage into pericardium following rupture of a coronary artery	501
coronary, main branches of coronary arteries in acute rheumatic carditis.....	132
coronary, of dog.....	464
coronary, syphilitic coronary arteritis.....	*44
coronary, sclerosis of, and excessive use of tobacco.....	802
hepatic, anastomosis of hepatic and portal circulations.....	291
pulmonary, subacute bacterial endarteritis of pulmonary artery associated with patent ductus arteriosus and pulmonic stenosis.....	805
pulmonary, syphilis of.....	299
Arteriosclerosis, cyanosis from sclerosis of pulmonary artery.....	958
experimental, in rat.....	797
in parrot.....	134, 299
infarction due to sclerosis of pulmonary artery and thrombosis.....	958
role of syphilis in etiology of angina pectoris, coronary arteriosclerosis and thrombosis, and of sudden cardiac death	666
vitamin D sclerosis in rat's aorta.....	296
Arthritis, bacteriology of blood in chronic infectious arthritis.....	143
rheumatoid, etiology of.....	961
streptococci in infectious arthritis and rheumatic fever.....	820
Asbestosis: See Pneumoconiosis	
Ascaris, experiments with certain reactive factors of.....	484
Ascheim-Zondek test.....	499

	PAGE
Aspergillosis, of lungs, primary.....	475
pulmonary, case of.....	479
Asphyxia, traumatic.....	829
Atelectasis: See under Lung	
Athletics, medicolegal significance of death following injuries in sport.....	165
Aub, J. C.: Studies of calcium and phosphorus metabolism; deposition of calcium in bone in healing scorbutus.....	*380
Autolysis, relative reaction within living mammalian tissues.....	799
Autopsy, results of autopsy on exhumed bodies.....	979
Avitaminosis: See Deficiency Diseases	
Azoproteins, experiments on anaphylaxis to azoproteins.....	147
B C G: See under Tuberculosis	
Bacillus: See Bacteria	
Bacteremia following operations on urethra.....	477
Bacteria: See also Diphtheria bacilli; Dysentery, bacilli; Tubercle bacilli; etc.	
acid-fast; absorption per os of non-pathogenic acid-fast organisms.....	653
actinobacter; Clostridium butyricum iodophilum from human feces, pure cultures of.....	312
action of low-velocity electrons on microorganisms.....	963
action of testicle, kidney, and spleen extracts on infective power of bacteria.....	965
aerogenes capsulatus; Clostridium welchii, hemorrhagic lesions produced by.....	652
antigenic analysis of cultures of B. paratyphenteriae and B. morganii.....	482
bacteriophage activity and antigenic structure of bacteria.....	154
Brucella abortus, agglutination test for.....	659
Brucella abortus; boric acid for preservation of milk naturally infected with Brucella abortus.....	822
Brucella abortus in certified milk.....	143
Brucella abortus in stools and bile.....	305
Brucella abortus infection with recovery of brucella from bile.....	961
Brucella abortus, intermediate zone phenomenon in certain Br. abortus agglutinating sera.....	815
Brucella abortus; types of Brucella in 129 cases of undulant fever.....	824
coli; behavior of Escherichia coli and its specific bacteriophage in urine.....	143
coli-like organism, variation of.....	833
colon, antigenic grouping of colon bacilli	817
colon; killing of colon bacilli by x-rays of different wave-lengths.....	651
Corynebacterium blattellae, nov. sp.; cultivation and classification of "bacteroides," "symbionts," or "rickettsiae" of Blattella germanica.....	140
Corynebacterium ulcerans, ulcerative laryngitis due to.....	817
culture media; growth promoting principle in potato for tubercle bacilli.....	474
culture medium, use of acid fuchsin in Russell's triple sugar medium.....	498
culture medium; molecular movement, viscosity and agglutination.....	481
differential action of oxidizing agents on certain gram-positive and gram-negative organisms.....	144
effect of cathode rays upon certain bacteria.....	140
error in grouping from contamination with "mustard bacillus"—transfusion of incompatible blood.....	814
Friedländer's bacilli of different types, distribution of.....	308

INDEX TO VOLUME 11

Bacteria—Continued	PAGE
gas bacillus infection of brain developing 13 years after gunshot injury.....	495
gas, production of histamine by certain strains of gas bacillus.....	477
granulosis in relation to trachoma.....	309, 826
hydrolysis of sodium hippurate by various bacteria.....	137
increased bactericidal effect of inorganic compounds in presence of x-rays.....	963
influence of calcium on microbe species..	478
metabolism.....	475
Micrococcus gazogenes (Lewkowicz) lesions produced in rabbits by cultures of necrophorus obtained from cows.....	650
nitroso-bacterium, further notes on culture of.....	142
nomenclature.....	435
precipitin reaction and Ramon flocculation proteus, decomposition of urea by.....	824
pyogenes, immunity against pyogenic organisms.....	487
rate and location of removal of bacteria from blood in human disease.....	*766
Salmonella causing abortion in sheep.....	967
Shiga: See Dysentery	
staining; method for differential staining of gram-positive and gram-negative bacteria in tissue sections.....	831
subtilis; variants of B. subtilis and their relation to somatic and flagellar antigens.....	155
tissue reactions in rabbits following intravenous injection of bacteria.....	304
Bacteriology, doctorates conferred in human and animal bacteriology by American universities, 1929-1930.....	794
review of some recent books on.....	*924
Bacteriophage activity and antigenic structure of bacteria.....	154
antigenic properties of.....	156
Influence of pus and blood on action of..	680
Baldes, E. J.: Flexner-Jobling rat carcinoma, effect of feeding liver and muscle on growth of tumor.....	*854
Bartonella muris anemia in albino rats....	141
Basophil Cells: See under Erythrocytes	
Baylis, A. B.: Serologic reactions in case of tuberculosis of serous membranes.....	679
Bayne-Jones, S.: Review of some recent books on bacteriology.....	*924
Benzene, effects of inhalation of benzene and benzene.....	952
(benzol) poisoning.....	*434, *601
Benzene, effects of inhalation of benzene and benzene.....	952
Benzol: See Benzene	
Bile, Brucella in stools and bile.....	305
Brucella infection with recovery of brucella from.....	961
ducts, congenital atresia of.....	465
salt hemolysis in new-born infants and its inhibition by blood serum.....	646
Bismuth-yatren cure of Well's disease in guinea-pigs after treatment with bismuth-yatren.....	316
Bite, human bite infections of hand.....	468
Bladder, congenital diverticular rhabdomyoma of.....	320
epidemiology of specific infectious cystitis and pyelonephritis of cows.....	140
solitary tubercle of.....	130
Blair, J. E.: Fibrous osteodystrophy (osteitis fibrosa) in experimental hyperparathyroidism of guinea-pigs.....	*207
Blastomycosis, immunologic studies in.....	481
Bleyer, L.: Pathologic dissimilarity in 2 clinically similar cases of blood dyscrasis.....	328

Blood: See also Erythrocytes; Leukocytes	PAGE
chemistry in puerperal infection.....	303
chemistry, postoperative.....	959
cholesterol in; alimentary cholesteremia and blood sugar in diabetes.....	802
cholesterol in hypertension.....	961
cholesterol partition of blood plasma in parenchymatous diseases of liver.....	830
copper and iron content of blood serum in cancer and in pregnancy.....	672
cytology of rabbit.....	130, 293
donors, regulation of, in New York City..	281
effect of ironing and mangling on demonstration of blood spots on cloth.....	164
effect of pericardiostomy on mechanics of circulation.....	950
effect of temporary occlusion on blood-forming tissue.....	642
elimination curve of iodine from.....	960
group, determination of, on convicts.....	977
group distribution among Polynesians....	151
groups, determination of, in blood spots in criminal cases.....	165
groups, dried serum for determining blood groups.....	325
groups in animals.....	318
groups in paternity cases.....	324
inorganic phosphorus of blood in rickets..	302
mitosis in myeloblasts in peripheral blood multinucleated giant cells in circulating blood, origin and fate of two types of..	294
pathologic dissimilarity in two clinically similar cases of blood dyscrasia.....	328
plasma cell, critical review of its morphogenesis, function and developmental capacity under normal and under abnormal conditions.....	*775
plasma, cholesterol partition of blood plasma in parenchymatous diseases of liver.....	830
platelets, response of blood platelets to external stimuli; ultraviolet light, iodine and coal tar.....	*241
pressure; blood depressor substance in tissues.....	953
pressure, cholesterol of blood in hypertension.....	961
pressure, high, histological changes in renal glomerulus in essential hypertension.....	286
pressure, hypertension in relation to blood vessels of medulla oblongata.....	*760
pressure, micro-injection studies of capillary blood pressure in human skin....	800
proteins with reference to changes occurring in renal diseases.....	*335
rate and location of removal of bacteria from blood in human disease.....	*766
serum, bile salt hemolysis in new-born infant and its inhibition by blood serum	646
serum-calcium in pneumoconiosis.....	301
serum, induction of pseudo-pregnancy vaginal reaction in spayed mice by injection of human blood.....	796
specific gravity of blood and its constituents.....	960
sugar and alimentary cholesteremia in diabetes.....	802
sugar, hyperinsulinism with hypoglycemic symptoms.....	952
transfusion, error in grouping from contamination with "mustard bacillus"—transfusion of incompatible blood.....	814
transfusion from group A donor to group B recipient without fatal result.....	480
vessels, permeability of blood vessels of eye and brain for acid and basic dyes..	641
Blume, H.: Chloroform content of brain following anesthesia.....	*841
Chloroform in brain, lungs and liver; quantitative recovery and determination..	*554
Bodansky, A.: Fibrous osteodystrophy (osteitis fibrosa) in experimental hyperparathyroidism of guinea-pigs.....	*207

INDEX TO VOLUME 11

	PAGE		PAGE
Boltz test in urinalysis.....	979	BOOK REVIEWS—Continued	
Bone, calcium and phosphorus metabolism; deposition of calcium in bone in healing scorbutus.....	*380	Ueber das Problem der bösartigen Ge- schwülste. Eine experimentelle und theoretische Untersuchung; L. Heiden- hain.....	838
carcinomatous metastases in, healing of.....	664	Ueber die akute und chronische Gelbe Leberatrophie mit besonderer Berück- sichtigung ihres epidemischen Auftretens in Schweden im Jahre 1927; H. Berg- strand.....	515
changes in bone marrow in agranulocytosis.....	644	Books Received.....	170, 334, 518, 686, 840, 986
gelatinous degeneration of bone marrow.....	295	Borland, V. G.: Effects of a fat-free diet on structure of kidney in rats.....	*687
"marble bones," Albers-Schoenberg's dis- ease.....	509	Brain, adaptation of <i>Spirochaeta pallida</i> to brain.....	660
marrow of femur.....	136	calcium changes in brain in ether anaes- thesia.....	639
myeloma, multiple, as single lesion.....	289	chloroform content of brain following anesthesia.....	*841
periosteal neurofibromatosis, with short consideration of whole subject.....	132	chloroform in brain, lungs and liver; quantitative recovery and determination.....	*554
streptococcal infections of epiphyses and short bones.....	306	gas bacillus infection of brain developing 13 years after gunshot injury.....	495
BOOK REVIEWS:		gliomas, multiple.....	489
Anatomie und Pathologie der Spontan- erkrankungen der kleinen Laboratoriums- tiere, Kaninchen, Meerschweinchen, Ratte, Maus; edited by R. Jaffé.....	837	hemorrhage, subarachnoid hemorrhage as clinical complication of neuro- syphilis.....	468
Appendicitische anfall seine Ätiologie und Pathogenese; L. Aschoff.....	331	histological studies on brain of craniope- gus.....	287
Bright's Disease. Observations on Courses of Different Types and on Resultant Changes in Renal Anatomy; D. D. Van Slyke, E. Stillman, E. Møller, W. Ehr- lich, J. F. McIntosh, L. Leiter, E. M. Mackay, R. R. Hannon, N. S. Moore and C. Johnston.....	684	organospecific elements in brain tissue.....	318
Clinical Allergy, Particularly Asthma and Hay Fever, Mechanism and Treatment; F. M. Rackemann.....	515	permeability of blood vessels of eye and brain for acid and basic dyes.....	641
Compilation of Culture Media for Cultiva- tion of Micro-Organisms; M. Levine and H. W. Schoenlein.....	168	tumor; growth of metastatic tumors of brain.....	321
Gasbehandlung bösartiger Geschwülste; B. Fischer-Wasels.....	682	wounds; acute degenerative changes in Ammon's horn in fresh gunshot wounds of.....	830
Gewebsproliferation und Säurebasengleich- gewicht; R. Ballint.....	683	Breast, cell structure of epithelial tumors of.....	493
Globuline, M. Spiegel-Adolf.....	837	chronic cystic mastitis.....	321
Handbook of Protozoology; R. R. Kudo.....	985	experimental reproduction of Reclus' dis- ease of mammary gland in mice.....	664
Intestinal Tuberculosis, Its Importance, Diagnosis and Treatment, A Study of the Secondary Ulcerative Type; L. Brown and H. L. Sampson.....	516	mammary gland situated on labium majus; report of case.....	*236
Introduction to Practical Bacteriology. A Guide to Bacteriological Laboratory Work; T. J. Mackie and J. E. McCartney	839	spontaneous mammary cancer in mice.....	158
J. George Adami; M. Adami.....	169	Bright's Disease: See Nephritis	
Laboratory Medicine. A Guide for Stu- dents and Practitioners; D. Nicholson.....	168	Broncholiths, with report of 4 cases.....	283
Legal Medicine and Toxicology; R. W. Webster.....	330	Bronchus, carcinoma in Leipzig, 1924- 1929.....	665
Molds, Yeasts, and Actinomycetes: A Handbook for Students of Bacteriology; A. T. Henriel.....	332	cancer, symptomatology of primary bron- chial cancer.....	494
Pathologische Anatomie und Histologie der Vergiftungen; E. Petri.....	684	phagocytosis by bronchial epithelium in lungs of mice.....	154
Pathology of Diabetes Mellitus; S. Warren	685	Brucella: See under Bacteria	
Pathology of Internal Diseases; William Boyd.....	682	Bunting, C. H.: Invasion of fallopian tube by oxyuris vermicularis; report of case	*229
Problems and Methods of Research in Protozoology; edited by R. Hegner.....	684	Burns, death by burning.....	496
Recent Advances in Study of Rheuma- tism; J. F. Poynton and B. Schlesinger.....	839	development of cancer in scars from burns	974
Selected Readings in the History of Physi- ology; J. F. Fulton.....	332	Cabbage, seasonal variations in goiter of rabbits produced by feeding cabbage....	639
System of Bacteriology in Relation to Medicine; Medical Research Council. Volume 7: Virus Diseases, Bacteriophage	333	Cadaver, unusual observation in exhumed putrefied body.....	324
Technik der mikroskopischen Untersuchung des Nervensystems; W. Spielmeyer.....	984	Calcium and phosphorus metabolism; depo- sition of calcium in bone in healing scorbutus.....	*380
Techniques Histologiques de Neuropathol- ogie; I. Bertrand.....	516	changes in brain in ether anaesthesia....	639
Text-Book of Gynecology; A. H. Curtis.....	839	effect of calcium on anthrax cultures.....	654
Text-Book of Histology; A. A. Maximow.....	330	effect of vitamin D and parathyroid hor- mone on storage of.....	802
Text-Book of Medical Jurisprudence and Toxicology; J. Glaister and J. Glaister, Jr.	984	influence of calcium on microbic species. staining of.....	478 499
Tuberculosis in Man and Lower Animals; H. H. Scott.....	517	Cancer: See also Sarcoma; tumor; etc.; and under names of organs and regions, i. e., Gallbladder, cancer; Jejunum, can- cer; etc. and heredity.....	971 663

INDEX TO VOLUME 11

Cancer—Continued	PAGE		PAGE
and tuberculosis.....	489	Caylor, H. D.: Flexner-Jobling rat carcinoma, effect of feeding liver and muscle on growth of tumor.....	*854
Anna Fuller Cancer Fund.....	794	Cells, origin and fate of two types of multinucleated giant cells in circulating blood.....	294
carcinogenic substances and their fluorescent spectra.....	161	studies in cellular changes.....	655
chimney-sweeps' cancer vanishing.....	665	Cerebellum; a cerebellar disorder in chicks, apparently of nutritional origin.....	639
complement-containing antibodies in patients with cancer and in pregnant women.....	323	Cerebrospinal fluid, Takata-Ara colloidal test with.....	498
copper and iron content of blood serum in cancer and in pregnancy.....	672	Chickenpox with a blood picture simulating that in leukemia.....	648
diagnostic reactions for.....	686	Chloroform content of brain following anesthesia.....	*841
effect of feeding liver and muscle on growth of Flexner-Jobling rat carcinoma.....	*854	in brain, lungs and liver; quantitative recovery and determination.....	*554
effect of radium irradiation on carcinoma epidermoid carcinoma in sebaceous cysts epidermoid carcinoma of head and neck, experimental.....	322	Cholecystectomy; Cholecystitis: See under Gallbladder	
extract of adrenal cortex and.....	162	Cholera, lesions in central nervous system in hog cholera.....	966
grafting of human cancer on chimpanzee, healing of carcinomatous metastases in bone.....	166	Cholesteremia: See Blood, cholesterol in	
in regenerative liver tissue.....	491	Cholesterol, activation of lipoid antigens by.....	660
in scars from burns.....	975	in Blood: See under Blood	
influence of high diets on growth of carcinoma and sarcoma in rats.....	684	Chordoma, sacral chordoma with widespread metastases.....	492
interrelation between hereditary predisposition and external factors in causation of.....	322	Chorioepithelioma: See Syncytioma malignum	
intracranial carcinomatous metastases.....	974	Choriocarcinoma, embryomas in evolution of choriocarcinoma.....	320
multiple primary carcinomas and their frequency.....	160	Chromo-argentaffine cells (enterochromo-argentaffine cells).....	*171
prognosis, principles of.....	971	Cleatrix, development of cancer in scars from burns.....	974
resistance and susceptibility to.....	971	Clinchophen (atophan) poisoning.....	667
salivary stone with formation of carcinoma at base of tongue.....	493	Clostridium botulinum: See under Botulism	
significance of single trauma in incidence of.....	666	Butyricum: See under Bacteria, actinobacter	
specific antigens in cancer tissue.....	323	Welchii: See under Bacteria, aerogenes capsulatus	
survey of United States.....	126	Coccidiosis, immunity in experimental coccidiosis of rabbits.....	657
systemic influences in immunity and.....	490	jaundice in experimental coccidiosis of rabbits.....	949
tar-cancer induction in mice with spontaneous malignant new growths.....	663	Cod liver oil, antirachitic action of cod liver oil and irradiated ergosterol.....	799
tar, carcinogenic activity of tar in various dilutions.....	159	Colds, studies on common cold.....	651
tar; classification of 4000 experimental oil and tar skin tumors.....	320	Colon, Hirschsprung's disease.....	133
tar, early tar cancer of rabbit's ear with penetration of cancer cells into blood vessels.....	162	Complement and opsonin.....	152
tar, susceptibility and resistance to.....	973	origin of.....	487
uranium-thorium colloid in treatment of, transplantation; failure in heteroplastic transplantation of human mammary carcinomas into brains of rats.....	160	Conjunctiva, cytology of conjunctiva in trachoma and problem of its pathogenesis.....	136
vitamin A and carcinogenesis.....	160	lysozyme content in conjunctival sac and in tears.....	816
Cannon, P. R.: Relation of splenectomy to resistance of rats to Trypanosoma lewisi.....	671	Conjunctivitis, follicular, etiology of.....	655
Capillaries, gradient of vascular permeability.....	128, 640	inclusion bodies in artificially induced conjunctivitis.....	643
transformation of sinusoidal endothelium into ordinary capillary type.....	955	Copper and iron content of blood serum in cancer and in pregnancy.....	672
Carbohydrate, chemical and immunological properties of a species-specific carbohydrate of pneumococci.....	813	content of human organs.....	303
metabolism in tuberculosis.....	641	content of infant livers.....	302
utilization of certain substituted carbohydrates by bacteria.....	476	Coronary sinus, arteriovenous communication between right coronary artery and coronary sinus.....	131
Carbon monoxide poisonings in kitchens... poisoning without extinction of flame under wash boiler.....	977	Corpus Adiposum Buccae: See Sucking Pad luteum and menstrual cycle.....	458
163		Corrosive poisoning, gastric sequelae of....	289
Carbuncle, urethral caruncle in female....	295	Corynebacterium: See under Bacteria	
Carotid tumor, peculiar.....	976	Costa reaction.....	497
Casein, serologic studies on proteins found in.....	814	Courville, C.: Rapid and permanent method for staining myelin sheaths.....	*920
Cathode rays, effect of, on certain bacteria	140	Cranium, diagnosis of intracranial tumors by supravital technique.....	157
Catron, L.: Leiomyosarcoma of pleura, report of case.....	*847		

INDEX TO VOLUME 11

Cranium—Continued	PAGE	Diphtheria—Continued	PAGE
intracranial carcinomatous metastases....	972	epidemiological study of diphtheria in a remote New Zealand community.....	142
meningiomas (multiple intracranial type).....	286	growth and toxin production of <i>Corynebacterium diphtheriae</i> in synthetic mediums.....	822
multiple intracranial angiomas.....	286	of umbilicus.....	817
Criminals, determination of blood groups on convicts.....	977	prophylaxis by means of Loewenstein's diphtheria cultures in vaccine ointment.....	816
Identification of assassin by microscope..	163	toxin, action of formaldehyde on.....	814
Cruveilhier-Raumgarten's syndrome (cirrhosis).....	132	toxin, cerebral immunization against....	816
Cyanosis from sclerosis of pulmonary artery.....	958	toxin, heat stability of.....	483
Cystitis: See under Bladder		toxoid, rapidity of immunization with....	811
Cysts, compression of spinal cord by		<i>Dirofilaria</i> , skin reactions to <i>dirofilaria</i> immitis in persons infected with <i>Wuchereria bancrofti</i>	317
arachnoid cysts.....	959	Dislocations: See under names of joints	
congenital cystic lung.....	290	<i>a</i> -Disulfo soaps, germicidal action of.....	965
epidermoid carcinoma in sebaceous cysts	972	Diving, sudden death while swimming or diving.....	977
lipidol pelvic cysts.....	295	Doctorates conferred in human and animal bacteriology and pathology by American universities, 1929-1930.....	794
multifollicular cyst of spleen produced by infarcts.....	289	Ductus arteriosus, subacute bacterial endarteritis of pulmonary artery associated with patent ductus arteriosus and pulmonary stenosis.....	805
unusual cysts of thyroglossal duct.....	299	Duodenum, acute peptic duodenitis.....	297
D'Aunoy, R.: Primary tumors of trachea; report of case and review of literature.....	*589	comparison between simultaneous equal-sized; closed obstruction of duodenum and ileum.....	950
Death, aspiration and deglutition of brain tissue as evidence of vital occurrence of severe injuries.....	164	Dura Mater, anatomical study of subdural hemorrhage associated with tentorial splitting in newborn.....	295
concerning determination of time of death of human bodies.....	164	rapid death from osteoma of.....	668
Deficiency diseases; avitaminosis; pathologic changes in albino rat suffering from vitamin G deficiency.....	*425	Dust inhalation in guinea pigs, experimental	951
correction to above article.....	600	Dwarfism, hypophyseal dwarfism in a female	645
avitaminosis; pathologic changes in nursing and in weaned albino rats suffering from vitamin B deficiency....	*413	Dyes: See also Stains and Staining	
correction to above article.....	600	action of certain dyes on bactericidal activity of normal serum, and on hemolytic complement.....	155
trachoma and avitaminosis.....	304	deposition of vital dyes in lymph nodes..	802
Dehydration, total water and chloride content of dehydrated rats.....	129	distribution and disappearance of congo red and granular storage factors of reticulo-endothelial cells.....	959
Dementia paralytica and trauma.....	828	effect of dyes on virus of chicken tumor No. 1.....	488
paralytica, hyaline degeneration in.....	468	fate of intravitaly stored dyestuffs....	646
Dengue fever, experimental study of.....	825	vital impregnation of aortic wall with trypan blue.....	463
Denninger, H. S.: Osteitis fibrosa in skeleton of prehistoric American Indian.....	*939	Dysentery, bacteriophage reactions of Flexner dysentery strains.....	314
Dermographia, active substance of.....	642	<i>Bacterium dysenteriae</i> Sonne type, study of.....	477
Dermoid cyst, fetal adenoma of hypophysis and dermoid cyst of hypothalamus....	*22	chemical nature of heterogenetic antigen in Shiga bacilli.....	319, 817
DeSanctis, A. G.: Albers-Schoenberg's disease; "marble bones".....	509	common antigen in human red cells and in Shiga's bacillus.....	156
Diabetes, acute interstitial pancreatitis in 2 cases of diabetic coma.....	806	dissociation of <i>B. dysenteriae</i> , Sonne, as influenced by variations in culture medium.....	651
alimentary cholesteremia and blood sugar in.....	802	production of S from R forms of <i>B. dysenteriae</i> , Sonne.....	651
fatal diabetic acidosis.....	283	Sonne.....	817
relation of surroundings and trauma to..	829	Ear, middle; intra-aural administration of certain bacteria associated with middle ear disease in albino rats.....	820
Diaphragm, congenital maldevelopments of	958	Ectromella, infectious.....	314
Dick test, effect of, diseases other than scarlet fever on.....	811	Edema.....	949
toxin, eosinophil response in persons giving positive skin reactions to injections of Dick toxin.....	981	Eisenberg, A. A.: Disseminated venofibrosis (phleboecrosis), its clinicopathologic significance.....	*857
Di-hydranol, control of intestinal putrefaction in man by di-hydranol.....	964	Electric Shock.....	667
Diphtheria, action of phenol on antigenic properties of diphtheria toxin.....	318	abnormalities produced in central nervous system by electrical injuries.....	293
anatoxin, experiments with.....	318		
anatoxin immunization in.....	486		
antitoxin content in serum following immunization with diphtheria anatoxin....	486		
bacilli, absence of seasonal change in toxin-producing capacity of.....	144		
complement fixation and precipitation by antidiphtheria serum.....	600		
eosinophil leukocytes in immunization of horses with diphtheria toxin.....	488		

INDEX TO VOLUME 11

	PAGE		PAGE
Electric Shock—Continued		Epithelioma—Continued	
experimental	800	metastasis of prostatic epithelioma into a	
histopathology of different types of electric		giant cell sarcoma of mesentery.....	664
shock on mammalian brains.....	828	Epulis, microscopic structure of giant cell	
Electrocautery, effects on normal tissues...	469	epulis	492
Electrons, action of low-velocity electrons		Ergosterol, antirachitic action of cod liver	
on microorganisms.....	963	oil and irradiated ergosterol.....	799
Ella Sachs Plotz Foundation for Advance-		irradiated, renal lesions with retention of	
ment of Scientific Investigation.....	281	nitrogenous products produced by mas-	
Elzholz bodies, Marchi method for staining		sive doses of irradiated ergosterol.....	288
Embolism, air, experimental air embolism of		Erysipelas, etiology of, especially chronic	
coronary arteries.....	798	relapsing erysipelas.....	144
and thrombosis; prolonged direct obser-		Erythema nodosum, relation in children of	
vation of phenomena in pial vessels of		erythema nodosum to tuberculosis.....	812
living cat.....	*519	Erythrocyte, evaluation of erythrocyte sedi-	
juvenile embolic gangrene of an upper		mentation reaction as routine diagnostic	
extremity	805	procedure	513
multiple aneurysms of arteries of right		number of basophil cells in human hypo-	
arm associated with arteriovenous fistula		physis in amyloidosis of kidneys and	
and arterial embolism.....	284	suprarenal glands.....	299
paradoxical... ..	131, *383	red blood cell size in anemia.....	497
paradoxical, after labor.....	646	sedimentation test in tuberculosis.....	980
pulmonary, knotted.....	133	T-erythrocytes and T-agglutinins.....	156
Embryomas in evolution of choriocarcinoma		Erythroleukoblastosis, fetal.....	301
Emetine, effect on cardiac muscle.....	*546	Esophagus, precursory changes to cancer in	
Encephalitis: See also Encephalomyelitis		Ether anesthesia, calcium changes in brain in	
case of encephalitis and influenzal pneu-		Ewing, James, in honor of.....	455
monia following vaccination.....	642	Exercise and sweat glands.....	802
changes in central nervous system of		Eye in malaria.....	133
monkeys due to vaccine lymph.....	967	intraocular pressure and drainage of	
chronic epidemic.....	303	aqueous humour.....	461
epizootic fox encephalitis.....	472	permeability of blood vessels of eye and	
herpes encephalitis in monkeys of genus		brain for acid and basic dyes.....	641
Cebus, with observations on green strep-			
tococcus	825	Fallopian tube invasion by oxyuris vermicu-	
in exsiccosis.....	134	laris; report of case.....	*229
nitrobenzene poisoning and hemorrhagic		primary carcinoma of.....	319, 491
encephalitis	165	Fat-free diet, effects of, on structure of	
periaxialis diffusa in a rhesus monkey...	462	kidney in rats.....	*087
Schilder's encephalitis periaxialis diffusa.		Feces, Brucella in stools and bile.....	305
.....	808	pure cultures of Clostridium butyricum	
Encephalomyelitis complicating measles....	643	iodophilum from human feces.....	312
enzootic experimental encephalomyelitis		traces of mercury in.....	960
(Borna's disease).....	652	Feldman, W. H.: Histology of experimental	
provoked by toxoplasma cuniculi.....	969	tuberculosis in different species.....	*896
Endarteritis, subacute bacterial endarteritis		Femur, bone-marrow of.....	136
of pulmonary artery associated with		changes in head of femur in senile disease	
patent ductus arteriosus and pulmonic		of hip.....	470
stenosis	805	histologic study of nearthrosis following	
Endocarditis, bacterial endocarditis in heart		fracture of neck of.....	644
with incomplete interventricular septum		Fetus, erythroleukoblastosis in.....	301
endocardial pockets.....	954	Fibroblasts, effect of size of explant on cul-	
malignant eosinophilia in.....	958	tures of fibroblasts.....	461
Endometrium, endometrial autotransplants		Fibroma, polypoid fibroma of left auricle	
in rabbit.....	296	(so-called cardiac myxoma) causing	
Endothelioma, histology and histogenesis of		ball-valve action.....	464
filtrable endothelioma of fowl.....	975	Filaria Loa: See Loa	
Endothelium, transformation of sinusoidal		Filum Terminale: See Spinal Cord	
endothelium into ordinary capillary		Fleas, typhus virus from fleas on wild rats.	652
type	955	Foreign body, migratory bullets.....	667
Entamoeba histolytica, virulence of.....	648	Formaldehyde, action on diphtheria toxin...	814
Enterochromo-argentaffine cells.....	*171	Fowl-pox, inclusion bodies of fowl-pox and	
Enterococci, arrangement of, into types....	319	molluscum contagiosum.....	962
Eosinophil response in persons giving posi-		studies on virus of.....	961
tive skin reactions to injections of Dick		Fractures, familial tendency to occurrence of	
toxin	981	sarcomas and spontaneous fractures...	666
Eosinophilia in malignant endocarditis....	958	histologic study of nearthrosis following	
persistent	469	fracture of neck of femur.....	644
Ependyma, multiple congenital subependymal		French, L. R.: Paradoxical embolism.....	*383
xanthomas	957	Fuller, Anna Fuller fund.....	794
Epididymis, testicular cancer with old epi-			
didymal tuberculosis.....	665		
Epithelioma, cell structure of epithelial			
tumors of mammary gland.....	493		

INDEX TO VOLUME 11

	PAGE		PAGE
Fungi, reagent for demonstrating fungi in skin scrapings and hair.....	831	Gonococcus, complement fixation test in relation to gonococcus and allied organisms	150
serologic relations of yeastlike fungi.....	485	Goodloe, S.: Relation of splenectomy to resistance of rats to <i>Trypanosoma lewisi</i> . ..	671
specific polysaccharides from.....	813	Gottesman, J.: Pathogenesis of hypernephroma	502
Gallbladder , cancer; mixed squamous and cylindric cell carcinoma.....	976	Gout in an infant.....	952
effect of acute experimental cholecystitis on emptying time.....	797	Gram compound, nature of.....	324
function of.....	797	Granuloma, genetic neoplastic relationships of Hodgkin's disease, aleukemic and leukemic lymphoblastoma, and mycosis fungoides	972
inflammation, chronic typhoid cholecystitis	956	studies in Hodgkin's disease.....	972
inflammation; hepatitis and cholecystitis, a specific compilation of scarlet fever toxin	826	Grewal, J. S.: Bacterial endocarditis in heart with incomplete interventricular septum, with demonstration of specimens ..	676
melanocarcinoma of.....	327	Lymphosarcoma of ileocecal junction....	675
relation of hepatitis to chronic cholecystitis	130	Malignant nephrosclerosis.....	676
removal; bacteriological study in course of cholecystectomy.....	313	Growth, effect of exposure to ultrahigh frequency field on growth and on reproduction in white rat.....	*723
ruptured aneurysm of cystic artery of gallbladder as result of toxic arteritis, report of case.....	*884	Gumma, multiple, of heart in new born....	288
Galvanic current, high electrical resistance of skin of new-born infants and its significance	458	Gunn, F. D.: Response of blood platelets to external stimuli; ultraviolet light, iodine and coal tar.....	*241
Ganglioglioma	490, 661	Gunshot Injuries: See under Wounds	
Ganglion, degeneration of tuber cinereum as factor in destruction of cells of upper sympathetic	803	Hagan, W. A.: Veranus Alva Moore.....	457
ganglioneuroma of retroperitoneal origin; report of case, with bibliographic references	*118	Hair, reagent for demonstrating fungi in... ..	831
Gangrene, bacillus of cutaneous gangrene... ..	478	Hamilton, A.: Benzene poisoning.....	*434, *601
juvenile embolic gangrene of upper extremity	805	Hatton, E. H.: An unusual odontoma.....	674
Gastric Juice: See Stomach secretion		Hauswirth, L.: Disseminated venofibrosis (phlebosclerosis), its clinicopathologic significance	*857
Gastritis: See under Stomach		Hay-fever, effect of variation in weather on symptoms of patients with.....	680
Gastro-Intestinal Tract, entero-chromogentaffine cells.....	*171	Haymond, H. E.: Anomalies of intestinal rotation; report of 2 cases.....	834
significance of argentaffine cells.....	300	Heart anomaly; bacterial endocarditis in heart with incomplete interventricular septum	676
tract, leukemic changes of.....	806	anomaly; congenital pulmonic stenosis with unusual extracardiac lesions.....	832
Genitals , carcinoma of female genital tract in childhood.....	488	dilatation, influence of pericardium on acute cardiac dilatation produced by vagal stimulation.....	282
correlation between tuberculous disease and generative processes in female organism	479	dilatation of left auricle of heart, marked	287
Germicidal action of <i>a</i> -mercapto and <i>a</i> -disulfo soaps.....	965	effect of emetine on cardiac muscle.....	*546
Gettler, A. O.: Chloroform content of brain following anesthesia.....	*841	gross pathology of heart in cardiovascular syphilis	803
Chloroform in brain, lungs and liver; quantitative recovery and determination.....	*554	gummas, multiple, of heart in new born... ..	288
Giardiasis: See Lambliasis		histologic study of cardiac rheumatism... ..	133
Glioma and trauma.....	496	hypernephroma with tumor thrombosis of vena cava and heart.....	971
multiple, of brain.....	489	main branches of coronary arteries in acute rheumatic carditis.....	132
origin and development of giant cells in... ..	661	polypoid fibroma of left auricle (so-called cardiac myxoma) causing ball-valve action	464
Glomerulonephritis: See under Nephritis		rhabdomyoma of, congenital.....	975
Glutathione, influence of arsenicals and crystalline glutathione on oxygen consumption of tissue.....	647	rupture, spontaneous.....	644
Glycolysis: See Blood sugar		syphilis of aorta and.....	803
de Godoy Magalhães, A.: Kidneys in yellow fever	*561	thyroid heart, a transitory condition.....	127
Golter, iodine deficiency and golter; influence of diet poor in iodine on thyroid of white rats.....	*709	Heat, effect of exposure to ultrahigh frequency field on growth and on reproduction in white rat.....	*723
pathologic and physiologic aspects of simple golter as produced experimentally in rabbits.....	505	morphologic changes in animal tissues due to heating by ultrahigh frequency oscillator	*744
relationship between clinical picture of Graves' disease and histology of thyroid	959	physiologic and biochemical changes resulting from exposure to ultrahigh frequency field.....	*728
seasonal variations in golter of rabbits produced by feeding cabbage.....	639		
tubercle-like structures in human golter. ..	809		

INDEX TO VOLUME 11

	PAGE
Hellwig, C. A.: Iodine deficiency and goiter; influence of diet poor in iodine on thyroid of white rats.....	*709
Hemangioma and hemangiomatosis.....	646
of pelvic connective tissue.....	489
Hemato-encephalic barrier, permeability of, as determined by bromide method.....	460
Hematoma, spontaneous pararenal hematoma in acute myeloid leukemia.....	298
Hemolysin, bacterial haemotoxin.....	315
produced by atoxic strains of B. tetani... purification of.....	313
Hemolysis, chemical interpretation of immune hemolysis.....	660
Hemorrhagic diathesis in experimental scurvy	951
Hemotoxin: See Hemolysin	
Heparin, effect of repeated intravascular injections of.....	127
use of heparin plasma for grafting of spontaneous mammalian tumours into homologous animals.....	492
Hepatic Ducts: See Bile ducts	
Herpes, behavior of herpes virus in tissue culture.....	144
immunologic correlations between herpes simplex and vaccinia.....	317
relationship between herpes and vaccinia immunity.....	156
simplex, inclusion bodies in.....	827
High Frequency oscillator, effect of exposure to ultrahigh frequency field on growth and on reproduction in white rat.....	*723
oscillator, morphologic changes in animal tissues due to heating by an ultrahigh frequency oscillator.....	*744
oscillator; physiologic and biochemical changes resulting from exposure to an ultrahigh frequency field.....	*728
Hip disease, changes in head of femur in senile diseases of hip.....	470
Hirschsprung's Disease: See Colon, dilatation	
Histamine, production of histamine by certain strains of gas bacillus.....	477
quantitative response of intestine from sensitized guinea-pigs to homologous protein and to histamine.....	484
Hodgkin's Disease: See Lymphogranuloma	
Hookworm, Ancylostoma caninum; precipitin and complement-fixation tests on dog sera with antigen from the dog hookworm, Ancylostoma caninum.....	657
Hopkins, M. R.: Effect of variations in weather on symptoms of patients with hay-fever.....	680
Hortega's Cells: See under Neuroglia	
Hosoi, K.: Intradural teratoid tumors of spinal cord, report of case.....	*875
morphologic changes in animal tissues due to heating by an ultrahigh frequency oscillator.....	*744
Howitt, B. F.: Spontaneous scurvy in monkeys.....	*574
Hudson, N. P. Protective and complement-binding substances in serums of persons convalescent from yellow fever.....	326
Hydatidiform mole, ovarian and pituitary changes associated with hydatidiform mole and chorioepithelioma.....	949
Hydrocephalus.....	807
Hydrophobia: See Rabies	
Hypernephroma-like tumor of left suprarenal with metastasis to liver and aplasia of right suprarenal.....	322

	PAGE
Hypernephroma—Continued	
pathogenesis of.....	502
with tumor thrombosis of vena cava and heart.....	971
Hyperthyroidism: See under Parathyroids	
Hypothalamus, degeneration of tuber cinereum as factor in destruction of cells of upper sympathetic ganglion.....	803
experimental lesions in tuber cinereum of dog.....	459
fetal adenoma of hypophysis and dermoid cyst of hypothalamus.....	*22
Idiocy, amaurotic, pathogenesis of.....	460
Ileocecal junction, lymphosarcoma of ileocecal junction, with demonstration of specimens.....	675
Ileum: See under Intestine	
Immunity: See also Anaphylaxis and Allergy	
effect of inflammatory reactions on tissue immunity.....	149
tissue-immunity.....	812
transmission of maternal immunity.....	156
Immunology, opsonic and bacteriotropin action.....	147
renaissance of pre-Ehrlich immunology... T-erythrocytes and T-agglutinins.....	151
Inclusion bodies in artificially induced conjunctivitis.....	643
Indians, osteitis fibrosa in skeleton of prehistoric American Indian.....	326, *939
Infants: See also under names of diseases	
bile salt hemolysis in new-born infants and its inhibition by blood serum....	646
Infections, experimental investigations of mixed infections.....	315
Inflammation, fixation by inflammatory reaction.....	640
Influenza, encephalitis and influenzal pneumonia following vaccination.....	642
nitrite reaction as diagnostic test in influenzal meningitis.....	472
Insulin, effect on gastric secretion.....	282
hyperinsulinism with hypoglycemic symptoms.....	952
Intestine, anomalies of intestinal rotation; report of 2 cases.....	834
bacterial flora of small intestine in pernicious anemia.....	145
comparison between simultaneous equal-sized, closed obstruction of duodenum and ileum.....	950
control of intestinal putrefaction in man by di-hydranol.....	964
primary lymphogranuloma (Hodgkin's disease) of intestines.....	299
protozoa of monkeys and man.....	472
quantitative response of intestine from sensitized guinea-pigs to homologous protein and to histamine.....	484
ulcer, perforation of.....	165
Intranuclear bodies in renal disease of calves.....	292
Iodine deficiency and goiter; influence of diet poor in iodine on thyroid of white rats.....	*709
elimination curve of iodine from blood... Iodipin, bactericidal action of iodipin on tubercle bacilli and other bacteria....	960
Iodized poppy seed oil, lipoidal pelvic cysts following use of.....	656
Iron and copper content of blood serum in cancer and in pregnancy.....	295
Isohemagglutinins: See Agglutinins	672

INDEX TO VOLUME 11

	PAGE		PAGE
Jackson, C. M.: Effects of fat-free diet on structure of kidney in rats.....	*687	Knudson, A.—Continued	
Jacobsen, V. C.: Morphologic changes in animal tissues due to heating by-ultra-high frequency oscillator.....	*744	Physiologic and biochemical changes resulting from exposure to ultrahigh frequency field.....	*728
Jaffe, H. L.: Fibrous osteodystrophy (osteitis fibrosa) in experimental hyperparathyroidism of guinea-pigs.....	*207	Krajian, A.: Rapid and permanent method for staining myelin sheaths.....	*920
Jaundice, characteristics of bilirubin in icterus neonatorum.....	134	Kumpf, A. E.: Blood proteins, with reference to changes occurring in renal diseases	*335
cure of Well's disease in guinea-pigs after treatment with bismuth-yatren.....	316	Labor, paradoxical embolism after labor...	646
in experimental coccidiosis of rabbits....	949	Lambliasis, report on case of giardiasis...	473
pathogenesis of forms of.....	798	Laryngitis, ulcerative, due to Corynebacterium ulcerans.....	817
reticulo-endothelial system in infectious jaundice	316	Laryngotracheitis, pleomorphic micro-organism associated with infectious avian laryngotracheitis	311
Jejunum, carcinoma of.....	835	Lecithins, method for staining lecithins in sections	*125
metastasizing "carcinoid" tumor of jejunum	288	Lelomyoma, multiple leiomoma sarcomatodes of stomach.....	493
Jones, W. J.: Invasion of fallopian tube by oxyuris vermicularis; report of case....	*229	Lelomyosarcoma of pleura, report of case...	*847
Jordan, H. E.: Cytologic effects of ligation of major blood vessels of kidney of albino rat.....	*1	Leprosy, cultivation of an acid-fast bacillus from leprosy.....	143
Kahn reaction: See under Syphilis		intradermal tests with extract of leprous skin	485
Kaiserling II solution, prevention of formation of molds in.....	500	Leucosis: See Leukemia	
Kala-azar, antibody formation in.....	813	Leukemia, changes of gastro-intestinal tract in	806
Kantrowitz, A. B.: Lipoid nephrosis.....	507	chickenpox with blood picture simulating that in leukemia.....	648
Kidneys, basophil cells in human hypophysis in amyloidosis of kidneys and suprarenal glands.....	299	experimental transmission of.....	128
basophil cells of hypophysis and chronic renal disease.....	135	Hodgkin's disease combined with acute myeloid leukemia	134
circulatory and tubular insufficiencies of.....	952	lymphoid, without involvement of lymph nodes	300
cytologic effects of ligation of major blood vessels of kidney of albino rat.....	*1	mouse	799
decapsulation, spontaneous, bilateral, report of case.....	*914	myelogenous metaplasia in lymph nodes and spleen in case of.....	290
disease, blood proteins with reference to changes occurring in.....	*335	new transmissible strain of leucosis (leucemia) of fowls.....	950
disease, intranuclear bodies in renal disease of calves.....	292	spontaneous pararenal hematoma in acute myeloid leukemia.....	298
effect of fat-free diet on structure of kidney in rats.....	*687	transmission experiments with leucosis of fowls	951
excretion of urinary pigment.....	463	Leukocytes, alterations in leukocytes in vitro	463
extract, action of testicle, kidney and spleen extracts on infective power of bacteria	965	antibodies against	319
histological changes in renal glomerulus in essential hypertension.....	286	differential white count in infancy.....	496
hyaline glomeruli in kidneys of new-born infants and nurslings.....	810	lipoidal and oxydase granules in leukocytes of peripheral blood.....	471
in yellow fever.....	*561	role of, in tuberculosis.....	473
lesions with retention of nitrogenous products produced by massive doses of irradiated ergosterol.....	288	Light, pathological action of.....	648
lipoid nephrosis.....	507	Lipoid, activation of lipoid antigens by cholesterolin	660
necrotic sequestration in pregnancy....	469	bacterial	816
nephrosis in multiple myeloma.....	286	nephrosis	507
spontaneous pararenal hematoma in acute myeloid leukemia.....	298	Lipoma of mediastinum.....	284
tumors, mixed, in infancy and childhood.	974	Liver, anastomosis of hepatic and portal circulations	291
Kindred, J. E.: Cytologic effects of ligation of major blood vessels of kidney of albino rat.....	*1	carcinoma in regenerating liver tissue... 322	
Klemperer, P.: Lipoid nephrosis.....	507	carcinoma, primary.....	664
"Malignant nephrosclerosis" (Fahr)....	*60	chloroform in brain, lungs and liver; quantitative recovery and determination*554	
Primary neoplasms of pleura; report of 5 cases.....	*385	cholesterol partition of blood plasma in parenchymatous diseases of.....	830
Knee, benign polymorphocellular tumors of knee region.....	970	cirrhosis, infectious.....	956
Knudson, A.: Effect of exposure to ultrahigh frequency field on growth and on reproduction in white rat.....	*723	copper content of infant livers.....	302
		Cruveilhier-Baumgarten's syndrome (cirrhosis)	132
		crystalline derivative of acid in liver in pernicious anemia.....	302
		effect of feeding liver and muscle on growth of Flexner-Jobling rat carcinoma	*854
		extract in experimental anemias.....	462
		function, quantitative estimation of glycuronic acid of urine as a functional test of liver.....	648

INDEX TO VOLUME 11

Liver—Continued	PAGE		PAGE
hepatitis and cholecystitis, a specific complication of scarlet fever toxin.....	826	McCuag, D.: Generalized amyloidosis; report of a case.....	502
melanoblastoma, primary.....	163	McFarland, J.: Ganglioneuroma of retroperitoneal origin; report of case, with bibliographic references to 93 similar tumors.....	*118
necrosis, experimental, from shale oil....	957	Human ureter with striated muscle and ciliated epithelium.....	*18
postmortem physicochemical changes of liver cells.....	977	Mammary gland situated on labium majus; report of case.....	*236
relation of hepatitis to chronic cholecystitis.....	130	McGrath, W. M.: Spontaneous bilateral decapsulation of kidneys, report of case.....	*914
syphilis, tertiary, of liver simulating Banti's syndrome.....	284	McIntyre, M. C.: Pulmonary syphilis; its frequency, pathology and roentgenologic appearance.....	*258
tumors; venous invasion in metastatic tumors in liver.....	492	MacNeal, W. J.: Bacterial endocarditis in heart with incomplete interventricular septum, with demonstration of specimens	676
Loa patient, Calabar swelling in.....	819	Influence of pus and blood on action of bacteriophage.....	680
Locke, A.: Copper and iron content of blood serum in cancer and in pregnancy.....	672	Lymphosarcoma of ileocecal junction, with demonstration of specimens.....	675
Copper, iron and antitrypsin contents of potent extracts of Rous chicken sarcoma No. 1.....	835	Malignant nephrosclerosis, with demonstration of specimens.....	676
Long, C. F.: Congenital pulmonic stenosis with unusual extracardiac lesions.....	832	Main, E. R.: Copper and iron content of blood serum in cancer and in pregnancy.....	283
Lung: See also Pneumoconiosis; Tuberculosis; etc.		Malaria comparison of temperatures of animals after injection of blood from malarial and scarlet fever patients and from normal persons.....	283
alveolar phagocytes of.....	135	experimental efforts to transfer monkey malaria to man.....	962
asbestosis bodies in sputum and lung....	291	ocular complications of.....	133
aspergillosis, case of.....	479	placenta from case of malaria.....	291
aspergillosis of, primary.....	475	Malnutrition: See Nutrition	
cancer; complete occlusion of superior vena cava by primary carcinoma of lung.....	809	Malta Fever: See Undulant Fever	
cancer; small cell carcinomas of lung....	288	Mann, F. C.: Flexner-Jobling rat carcinoma, effect of feeding liver and muscle on growth of tumor.....	*854
chloroform in brain, lungs and liver; quantitative recovery and determination.....	*554	Marchi method.....	830
coal-miner's.....	470	Measles, encephalomyelitis complicating measles.....	643
collapse, mechanism of obstructive pulmonary atelectasis.....	800	occurrence of numerous large giant cells in tonsils and pharyngeal mucosa in prodromal stage of measles, report of 4 cases.....	*864
cystic, congenital.....	290	Mediastinum, lipoma of.....	284
etiology of spontaneous pulmonary disease in albino rat.....	650	teratoma in an infant.....	805
giant cells in inflammations of lung....	465	Medium: See Bacteria, culture media	
infarction due to sclerosis of pulmonary artery and thrombosis.....	958	Medulla oblongata, hypertension in relation to blood vessels of.....	*760
miliary pulmonary diseases of unknown nature.....	956	Meeker, L. H.: Relation of mucous glands to tonsil.....	677
new method for examination of smooth musculature of.....	499	Melanin; melanosis coli.....	957
pathogenesis of brown induration of....	642	Melanoblastoma, primary, of liver.....	163
syphilis; its frequency, pathology and roentgenologic appearance.....	*258	Melanocarcinoma of gallbladder.....	327
tumor; neoplasm simulating tuberculosis in adolescence.....	492	Melanoma, problems of.....	661
Lymph nodes, biologic and histologic study in syphilis.....	956	sublingual, and their differential diagnosis	664
deposition of vital dyes in.....	802	Melanosis: See Melanin, pigmentation	
metaplasia in lymph nodes and spleen in case of myelogenous leukemia.....	290	Membranes, influence of uric acid on permeability of.....	639
studies of diseases of lymphoid and myeloid tissues.....	161	Meninges, permeability of hemato-encephalitic barrier as determined by bromide method.....	460
Lymphadenoma, etiology of.....	313	Meningiomas (multiple intracranial type).....	286
Lymphatism, Graves' constitution (Warthin)	641	Meningitis, influenzal, nitrite reaction as diagnostic test in.....	472
Lymphoblastoma, genetic neoplastic relationships of Hodgkin's disease, aleukemic and leukemic lymphoblastoma, and mycosis fungoides.....	972	meningococcus, in Detroit, 1928-1930.....	312
Lymphogranuloma, changes of spinal cord in Hodgkin's disease.....	468	Meningococci, complement-fixation with alcoholic extracts of meningococci.....	660
Hodgkin's disease and tuberculosis, case of.....	287	concentration of antipneumococcal and antimeningococcal serums.....	483
Hodgkin's disease combined with acute myeloid leukemia.....	134	in United States during 1928 and 1929, type distribution of.....	313
primary, (Hodgkin's disease) of intestines	299	Meningo-encephalitis, neurovaccinal and herpetic meningo-encephalitis in rabbits	819
primary; isolated lymphogranulomatosis of stomach.....	981		
spontaneous pneumothorax caused by....	471		
Lymphosarcoma of ileocecal junction.....	675		
Lysozyme content in conjunctival sac and in tears.....	816		
relative amounts of lysozyme in tissues of some mammals.....	648		

INDEX TO VOLUME 11

	PAGE		PAGE
Otani, S.: "Malignant nephrosclerosis" (Fahr).....	*60	Phagocytosis by bronchial epithelium in lungs of mice.....	154
Ottenberg, R.: Rate and location of removal of bacteria from blood in human disease.....	*766	Pharynx, occurrence of numerous large giant cells in tonsils and pharyngeal mucosa in prodromal stage of measles..	*864
Ovary and pituitary changes associated with hydatidiform mole and chorio-epithelioma.....	949	Phlebosclerosis, disseminated venofibrosis (phlebosclerosis), its clinicopathologic significance.....	*857
testicular tubular adenoma of ovary.....	495	Phlegmons, diffuse, of stomach, 2 cases....	133
Oxidation, differential action of oxidizing agents on certain gram-positive and gram-negative organisms.....	144	Phosphorus and calcium; deposition of calcium in bone in healing scorbutus....	*380
Oxygen, influence of arsenicals and crystalline glutathione on oxygen consumption of tissues.....	647	Pittman, H. S.: Evaluation of erythrocyte sedimentation reaction as routine diagnostic procedure.....	513
Oxyuris vermicularis; invasion of fallopian tube by, report of case.....	*229	Pituitary Body, basophil cells of hypophysis and chronic renal disease.....	135
		fetal adenoma of hypophysis and dermoid cyst of hypothalamus.....	*22
Paget's disease of nipple.....	320	number of basophil cells in human hypophysis in amyloidosis of kidneys and suprarenal glands.....	299
Paine, W. H.: Cytologic effects of ligation of major blood vessels of kidney of albino rat.....	*1	ovarian and pituitary changes associated with hydatidiform mole and chorio-epithelioma.....	949
Paleopathology, osteitis fibrosa in skeleton of prehistoric American Indians.....	*939	Pituitary Extract, effect of hypophysis hormone on young male rats.....	801
Pancreas, circulatory pattern in islands of Langerhans.....	955	effect of pituitary on ionic output in urine	303
influence of sympathetic nervous system on	953	relation of hormone of anterior lobe to testis.....	801
Pancreatitis, acute interstitial pancreatitis in 2 cases of diabetic coma.....	806	Placenta from case of malaria.....	291
Paralysis, Infantile: See Poliomyelitis		Plant pathology in Rockefeller Institute....	794
Parathyroid, adenoma of.....	493	Pleura, death from pleural inhibition.....	668
effect of vitamin D and parathyroid hormone on storage of calcium.....	802	effusions.....	459
experimental fibrous osteodystrophy (osteitis fibrosa) in hyperparathyroid dogs..	461	leiomyosarcoma of, report of case.....	*847
extract, production of osteitis fibrosa by..	282	primary neoplasms of pleura; report of 5 cases.....	*385
fibrous osteodystrophy (osteitis fibrosa) in experimental hyperparathyroidism of guinea-pigs.....	*207	Pleurisy, experiments on pathogenesis of aseptic and traumatic pleuritis.....	463
Paratyphoid B epidemic.....	826	Plotz, Ella Sachs Plotz Foundation for Advancement of Scientific Investigation....	281
bacilli, length of survival of, in food-stuffs.....	311	Pneumocephalus, traumatic.....	667
C, an endemic disease in British Guinea..	143	Pneumococci, chemical and immunological properties of a species-specific carbohydrate of.....	813
formation of agglutinin on intracutaneous injection of.....	487	concentration of antipneumococcal and antimeningococcal serums.....	483
Parotid gland, tumors of.....	491	development of agglutinins and protective antibodies in rabbits after inhalation of type II pneumococci.....	146
Pathology, doctorates conferred in human and animal pathology by American universities, 1929-1930.....	794	effect of normal serum on antipneumococcus serum type I.....	482
Pease, M. C.: Albers-Schoenberg's disease; "marble bones".....	509	production of acute nephritis by means of pneumococcal autolysate.....	798
Pelvis, hemangioma of pelvic connective tissue.....	489	resistance of normal human beings to recently isolated pathogenic pneumococci	146
lipiodol pelvic cysts.....	295	specific precipitation and mouse protection in type I antipneumococcus sera.....	148
Peptic ulcer, bacteriological and clinical study.....	304	susceptibility of rabbits to infection by inhalation of type II pneumococci.....	307
gastric ulceration in children, acute....	289	type-specific protective antibody in antipneumococcus serum not neutralized by homologous specific soluble substance..	813
Pericardiostomy, effect on mechanics of circulation.....	950	type specific substance distinct from specific carbohydrate in pneumococcus type I.....	146
Pericardium, absorption from pericardial cavity.....	639	Pneumoconiosis; asbestosis bodies in sputum.....	291
hemorrhage into pericardium following rupture of coronary artery.....	501	serum-calcium in.....	301
influence of pericardium on acute cardiac dilatation produced by vagal stimulation	282	Pneumonia, case of encephalitis and influenza pneumonia following vaccination.....	642
Peritoneum, local immunity of.....	480	cutaneous reactions in.....	149
Peritonitis, tuberculous, in guinea-pigs, effect of ultraviolet irradiation on.....	474	host factors in pathogenesis of pneumococcus pneumonia.....	308
Perla, D.: Pathogenesis of hypernephroma.	562	relation of natural humoral antipneumococcal immunity to inception of lobar pneumonia.....	148
Perièche, fungi isolated from skin during epidemic of perièche.....	309	serological reactions in pneumonia with a non-protein somatic fraction of pneumococcus.....	149
Perspiration: See Sweat and Sweat Glands			
Pessin, S. B.: Enterochromo-argentaffin cells.....	*171		

INDEX TO VOLUME 11

	PAGE		PAGE
Pneumothorax, congenital.....	465	Rabies, experimental rabies in white mice and attempted chemotherapy.....	823
spontaneous, caused by lymphogranuloma	471	influence of antirabic inoculations on experimental tuberculosis in guinea-pigs.....	156
Poliomylitis, accelerated febrile reaction in monkeys upon reinoculation with poliomyelitis virus.....	965	one or several rabies viruses.....	478
experimental, from inoculation into sciatic nerve.....	654	virulence of saliva in hydrophobia.....	656
experimental, rise in temperature preceding symptoms in.....	141	Rabin, C. B.: Primary neoplasms of pleura; report of 5 cases.....	*385
experiments with virus of.....	138	Rachitis: See Rickets	
immunity to.....	153	Radium, effect of radium irradiation on carcinoma.....	322
immunity to poliomyelitis in mothers and new-born as shown by neutralization test.....	148	Ramirez Corria, C. M.: Method for staining lecithins in sections.....	*125
in Roumania in 1927.....	969	Rat-bite fever, ocular lesions of, in guinea-pigs.....	963
neutralization of virus of poliomyelitis by human serum.....	484	Reagent for demonstrating fungi in skin scrapings and hair.....	831
resistance in animals previously inoculated with heated virus.....	153	v. Recklinghausen's Disease: See Neurofibromatosis	
survival and multiplication of virus of poliomyelitis in vitro.....	307	Reclus' Disease: See Breast, cyst	
Polyp, carcinomatous gastric polyp.....	973	Rectum, cancer, skeletal metastases from.....	661
Polysaccharides, specific, from fungi.....	813	Recurrent Fever: See Relapsing fever	
toxic properties of tuberculo-proteins and polysaccharides.....	965	Reimann, H. A.: Similarity of pseudo-tuberculosis and tularemia.....	*584
Pons, injuries of.....	509	Reimann, S. P.: Hyperplasia of rat and mouse skin from sulphhydryl.....	833
Popular Science Monthly award for achievement in science.....	455	Relapsing fever, transmission of spirochetes of recurrent fever by ticks.....	315
Poser, M.: Scientific microscopy.....	166	Reproduction, effect of exposure to ultrahigh frequency field on growth and reproduction in white rat.....	*723
Potato, growth-promoting principle in potato for tubercle bacilli.....	474	Respiratory tract; flora of upper tract of infants.....	137
Precipitation, quantitative relations in agglutination and precipitation.....	151	Reticulocytes, life of.....	466
Preen gland, relation of preen gland (glandula uropygialis) of birds to rickets.....	801	Reticulo-endothelial cells, distribution and disappearance of congo red and granular storage factors of.....	959
Pregnancy, acetone bodies in normal pregnancy and in toxemias of pregnancy... ..	960	in infectious jaundice.....	316
Aschheim-Zondek test.....	499	protection of spleen and reticulo-endothelial system against <i>Spirochaeta duttoni</i> and <i>Trypanosoma gambiense</i>	827
complement-containing antibodies in patients with cancer and in pregnant women.....	323	tissue reactions in rabbits following intravenous injection of bacteria.....	304
copper and iron content of blood serum in cancer and in pregnancy.....	672	Rhabdomyoma, congenital diverticular rhabdomyoma of bladder.....	320
induction of pseudo-pregnancy vaginal reaction in spayed mice by injection of human blood.....	796	congenital, of heart.....	975
isohemagglutinins in.....	485	Rheumatic Fever, histologic study of.....	193
necrotic sequestration of kidneys in.....	469	main branches of coronary arteries in acute rheumatic carditis.....	132
Prizes, Isaac Adler prizes for medical research.....	794	streptococci in.....	820
Prostate, metastasis of prostatic epithelioma into a giant cell sarcoma of mesentery.....	664	Rheumatism, experimental rheumatic lesions in dogs and rabbits.....	*190
Proteins, dialyzability of.....	482	Rhinosporidium seeberi: pathological histology and report of 3d case from United States.....	818
intoxication, experimental, chronic.....	282	Rickets, antirachitic action of cod liver oil and irradiated ergosterol.....	799
quantitative response of intestine from sensitized guinea-pigs to homologous protein and to histamine.....	484	inorganic phosphorus of blood in rickets.....	302
serologic studies on proteins found in casein.....	814	relation of preen gland (glandula uropygialis) of birds to.....	801
Protozoa, methods for pure culture of certain protozoa.....	139	Rickettsia bodies, relationship of scrotal swelling and Rickettsia bodies to Mexican typhus fever.....	306
Pseudotuberculosis: See under Tuberculosis		stain for.....	499
Psittacosis.....	306	Rinehart, J. F.: Effect of emetine on cardiac muscle.....	*546
Bacillus psittacosis nocard; failure to find it in 1929-30 epidemic in United States.....	967	Ringworm of scalp caused by <i>Alternaria tenuis</i> nees.....	316
pathological changes found in fatal case of.....	469	Rockefeller Institute, new laboratory at.....	794
Puerperal infection, blood chemistry in... ..	303	Rocky Mountain spotted fever, immunity in experimental spotted fever.....	318
is immunity to scarlet fever a factor in.....	153		
Pyelonephritis: See also under Kidney epidemiology of specific infectious cystitis and pyelonephritis of cows.....	140		
Pylorus: pyloric occlusion from sulphuric acid.....	466		

INDEX TO VOLUME 11

	PAGE		PAGE
Roentgen rays, increased bactericidal effect of inorganic compounds in presence of x-rays.....	963	Scorbutus: See Scurvy	
killing of colon bacilli by x-rays of different wave-lengths.....	651	Scrotum, relationship of scrotal swelling and rickettsia bodies to Mexican typhus fever.....	306
Roome, N. W.: Undifferentiated round cell sarcoma with skeletal sarcomatosis (hemacytoblastoma?).....	834	Scurvy, calcium and phosphorus metabolism; deposition of calcium in bone in healing scorbutus.....	*380
Roshash, D.: Copper, iron and antitrypsin contents of potent extracts of Rous chicken sarcoma No. 1.....	835	criterion of hemorrhage diathesis in experimental scurvy.....	951
Rose, W. J.: Similarity of pseudotuberculosis and tularemia.....	*584	spontaneous, in monkeys.....	*574
Rosenthal, S. R.: Melanocarcinoma of gallbladder.....	327	tooth growth in experimental scurvy.....	129
Ruptured aneurysm of cystic artery of gallbladder as a result of toxic arthritis, report of a case.....	*884	Septineuritis in neurotropic viruses.....	968
		Serum, action of certain dyes on bactericidal activity of normal serum and on hemolytic complement.....	155
Sabin, F. R.: Cellular reactions to fractions isolated from tubercle bacilli.....	982	toxicity of human serum for guinea-pig	150
Sacrum, chordoma with widespread metastases.....	492	Sex, physiology of sex.....	641
Saliva, virulence in hydrophobia.....	656	Shale oil, experimental liver necrosis from	957
Salivary stone with formation of carcinoma at base of tongue.....	493	Shapiro, P. F.: Fetal adenoma of hypophysis and dermoid cyst of hypothalamus.....	*22
Salmonella: See under Bacteria		Silicosis: See Pneumoconiosis	
Salter, W. T.: Studies of calcium and phosphorus metabolism; deposition of calcium in bone in healing scorbutus.....	*380	Singer, H. A.: Primary, isolated lymphogranulomatosis of stomach.....	981
Sarcoma and trauma.....	977	Skin, anaphylactic responses of guinea-pig's skin.....	485
blood chemistry of hens bearing Rous sarcoma, No. 1.....	160	fungi, variability in.....	969
copper, iron and antitrypsin contents of potent extracts of Rous chicken sarcoma No. 1.....	835	high electrical resistance of skin of newborn infants and its significance.....	458
effect of alexin on mixtures of Rous sarcoma virus and antiviral.....	814	hyperplasia of rat and mouse skin from sulphhydryl.....	833
familial tendency to occurrence of sarcomas and spontaneous fractures.....	666	mechanism of desensitization of allergic skin.....	810
growth of Rous sarcoma.....	163	primary sympatheticoblastoma of skin of thigh.....	157
influence of high diets on growth of carcinoma and sarcoma in rats.....	160	Reaction: See also Anaphylaxis and Allergy reaction, transfer of skin-reacting antibody in human serum to guinea-pig skin.....	482
metastasis of prostatic epithelioma into a giant cell sarcoma of mesentery.....	664	reactivity, phenomena of local skin reactivity.....	658
osteitis fibrosa cystica; generalized type with giant cell sarcoma.....	464	reagent for demonstrating fungi in skin scrapings and hair.....	831
transmission of Rous sarcoma No. 1 of fowl by frozen material.....	662	Swartzman's phenomenon of local skin reactivity to bacterial products.....	815
undifferentiated round cell sarcoma with skeletal sarcomatosis (hemacytoblastoma?).....	834	Smallpox Vaccination, encephalitis following: See under Encephalitis	
variations in growth of Jensen rat sarcoma and influence of technic.....	162	vaccination; centrifuge experiments with virus of vaccinia.....	140
Scalp, ringworm caused by <i>Alternaria tenuis</i> nees.....	310	vaccination; immunologic correlations between herpes simplex and vaccinia.....	317
Scarlet fever, effect of diseases other than scarlet fever on Dick test.....	811	vaccination; pathology of generalized vaccinia in rabbits.....	967
hepatitis and cholecystitis, a specific complication of scarlet fever toxin.....	826	vaccine; changes in nervous system of monkeys due to vaccine lymph.....	967
is immunity to scarlet fever a factor in puerperal sepsis?.....	153	vaccine; cultivation of vaccine virus.....	307
titration of scarlatinal antitoxin by skin test in chinchilla rabbits.....	814	vaccine; relationship between herpes and vaccinia immunity.....	156
Schalble, P. J.: Effect of exposure to ultrahigh frequency field on growth and on reproduction in white rat.....	*723	vaccine virus in monkey.....	969
Physiologic and biochemical changes resulting from exposure to ultrahigh frequency field.....	*728	vaccine, union of vaccine virus and its specific anti-serum in vitro.....	317
Schick Test: See also under Diphtheria effect of diseases other than diphtheria on.....	810	Soap, germicidal action of α -mercapto and α -disulfo soaps.....	965
Schilder's Encephalitis Perilaxialis Diffusa: See under Encephalitis		powder, necrosis of uterus following injection of.....	830
Sclerosis: See under Arteries; Arteriosclerosis			
		SOCIETY TRANSACTIONS:	
		Chicago Pathological Society.....	326, 671, 833, 981
		New York Pathological Society.....	501, 675
		Philadelphia Pathological Society.....	166, 832, 982
		Sodium hippurate, hydrolysis of, by various bacteria.....	137
		Solar plexus, primary malignant tumor of.....	660
		Spermatids, multinucleated, in testis.....	135
		Spinal Cord, changes in Hodgkin's disease complete transections at different levels.....	468, 797

INDEX TO VOLUME 11

Spinal Cord—Continued	PAGE	Stomach—Continued	PAGE
compression by arachnoid cysts.....	959	leiomyoma sarcomatodes, multiple.....	493
intradural teratoid tumors of, report of case.....	*875	lymphogranulomatosis primary, isolated..	981
tumor of filum terminale.....	807	secretion, effect of insulin on gastric secretion.....	282
Spine, progressive destruction of vertebrae.....	471	Ulcer: See Peptic Ulcer	
Spirochaeta duttoni, protection of spleen and reticulo-endothelial system against Spirochaeta duttoni and Trypanosoma gambiense.....	827	Strangulation, death by.....	164
pallida, adaptation of Spirochaeta pallida to brain.....	660	suicide by.....	324
pallida, antigens from cultures of.....	152	Streptococcus; colonies of hemolytic streptococci on chocolate agar.....	673
pallida, cultures of Spirochaeta pallida in fluid mediums.....	656	enhanced passive immunity to streptococcus infection in rabbits.....	145
pallida, finding of spirochetes in syphilitic mesoarthritis.....	655	epidemicus, human carriers of.....	824
pallida, immunologic differentiation of pallida strains.....	317	epidemicus, sporadic septic sore throat due to.....	824
Spleen, enlargement of spleen in undulant fever.....	826	experimental streptococcal infection and immunity.....	154
extract; action of testicle, kidney, and spleen extracts on infective power of bacteria.....	965	hemolytic, growth forms and virulence of in infectious arthritis and rheumatic fever.....	826
metaplasia in lymph nodes and spleen in case of myelogenous leukemia.....	290	infections of epiphyses and short bones..	396
multilocular cyst produced by infarcts..	289	localization of, in tissues of rabbits....	310
protection of spleen and reticulo-endothelial system against Spirochaeta duttoni and Trypanosoma gambiense..	827	quick method for preparing homogeneous suspensions of hemolytic streptococci..	669
roentgenologic studies of spleen in experimental tuberculosis of guinea-pig....	669	reactions of rabbits to non-hemolytic streptococci.....	145
spontaneous rupture of normal spleen...	290	relative insusceptibility of young rabbits to streptococcal toxin.....	153
Splenectomy, relation of splenectomy to resistance of rats to Trypanosoma lewisi.....	671	virulent types of streptococci and their immunologic relationships.....	156
Sprue, tropical, differentiation from pernicious anemia by Arneith count.....	806	Streptothrix, identification of streptothrix isolated from human being infected with it.....	823
Sputum, asbestosis bodies in.....	291	Streptotrichosis.....	474
method for determination of total number of bacilli in sputum.....	325	Sucking pad, hyperplasia of corpus adloposum buccae (sucking pad).....	804
types of tubercle bacilli in.....	654	Sugar in Blood: See under Blood	
Stain and Staining; double vital staining with brilliant vital red and Niagara sky blue.....	292	Suicide by strangulation.....	324
Marchi method.....	830	in favor of insurer.....	978
method for differential staining of gram-positive and gram-negative bacteria in tissue sections.....	831	with device for slaughtering animals....	978
method for staining lecithins in sections..	*125	Sulphydryl, hyperplasia of rat and mouse skin from.....	833
rapid and permanent method for staining myelin sheaths.....	*920	Suprarenals; adrenal atrophy in Addison's disease.....	296
stain for rickettsia bodies.....	499	atrophy and adrenal tuberculosis in relation to Addison's disease.....	296
staining nerve fibers in mounted sections with alcoholic silver nitrate solution..	497	atrophy associated with Addison's disease basophil cells in human hypophysis in amyloidosis of kidneys and suprarenal glands.....	299
staining of calcium.....	499	compensatory hypertrophy of adrenal cortex in rabbit.....	957
vital staining with India ink and brilliant vital red.....	127	extract of adrenal cortex and cancer....	491
Staphylococcus, pharmacological action of exotoxin of staphylococcus aureus....	462	hypernephroma-like tumor of left suprarenal with metastasis to liver and aplasia of right suprarenal.....	322
Status Thymicolymphaticus: See Lymphatism		immunological studies in relation to.....	150
Steiner, P. E.: Response of blood platelets to external stimuli; ultraviolet light, iodine and coal tar.....	*241	syphilis, congenital, of.....	809
Stewart, H. L.: Experimental rheumatic lesions in dogs and rabbits.....	*190	Sure, B.: Avitaminosis; pathologic changes in albino rat suffering from vitamin G deficiency.....	*425
Stokes, William Royal, memorial tablet in honor of.....	126	correction.....	600
Stomach, cancer, 500.....	494	Avitaminosis; pathologic changes in nursing and in weaned albino rats suffering from vitamin B deficiency.....	*413
cancer; physiologic and chemical studies following successful total gastrectomy for carcinoma.....	127	correction.....	600
carcinoma in a 17 year old girl.....	973	Surgery, postoperative blood chemistry....	959
carcinomatous gastric polyp.....	973	Swartzman's phenomenon of local skin reactivity to bacterial products.....	815
diffuse phlegmons of, 2 cases.....	133	Sweat glands and exercise.....	862
hemorrhage due to familial telangiectasis inflammation experimental gastritis due to dilute hydrochloric acid.....	298	Swimming, sudden death while swimming or diving.....	977
inflammation, histologic and topographic study of.....	809	Sympathicoblastoma, primary sympathicoblastoma of skin of thigh.....	157
		Synctioma malignum; ovarian and pituitary changes associated with hydatidiform mole and chorio-epithelioma....	949
		chorioepithelioma with special reference to disappearance of primary uterine tumor.....	489

INDEX TO VOLUME 11

	PAGE		PAGE
Synovial membrane; intra-articular endothelial tumors arising from synovial membrane	289	Tetanus bacilli; Haemolysin produced by atoxic strains of B. tetani.....	313
Syphilis, biologic and histologic study of lymph nodes in.....	956	Thatcher, H. S.: Avitaminosis; pathologic changes in albino rat suffering from vitamin G deficiency.....*	425
cardiovascular, gross pathology of heart in	803	correction	600
congenital, of adrenal.....	809	Avitaminosis; pathologic changes in nursing and in weaned albino rats suffering from vitamin B deficiency.....*	413
developmental stages of syphilitic virus in blood	145	correction	690
experimental.....	305, 827,	Thermoprecipitins, nature of.....	152
experimental, injection methods in.....	325	Thorium-uranium colloid in cancer.....	160
explanation of mechanism of Wassermann and precipitation test for.....	658	Throat, sporadic septic sore throat due to streptococcus epidemicus.....	824
immunity reactions in.....	816	Thrombosis and embolism; prolonged direct observation of phenomena in pial vessels of living cat.....*	519
Kahn's rapid reaction.....	670	chronic, of pulmonary artery and its main branches.....	300
localization of luetic virus in aorta.....	804	hypernephroma with tumor thrombosis of vena cava and heart.....	971
neurosyphilis; subarachnoid hemorrhage as a clinical complication of.....	468	infarction due to sclerosis of pulmonary artery and thrombosis.....	958
of aorta and heart.....	803	of hepatic artery.....	283
of pulmonary artery.....	299	rôle of syphilis in etiology of angina pectoris, coronary arteriosclerosis and thrombosis, and of sudden cardiac death.....	666
pulmonary, its frequency, pathology and roentgenologic appearance.....*	258	sérolgy of syphilis.....	658
rôle of syphilis in etiology of angina pectoris, coronary arteriosclerosis and thrombosis, and of sudden cardiac death.....	666	spirochetes found in syphilitic mesoarteritis.....	655
sérolgy of syphilis.....	658	syphilitic coronary arteritis.....*	44
serology of syphilis.....	658	tertiary, of liver simulating Bant's syndrome	284
serology of syphilis.....	658		
serology of syphilis.....	658	Taliaferro, W. H.: Relation of splenectomy to resistance of rats to Trypanosoma lewisi	671
serology of syphilis.....	658		
serology of syphilis.....	658	Tar Cancer: See under Cancer	
serology of syphilis.....	658	response of blood platelets to external stimuli; ultraviolet light, iodine and coal tar.....*	241
serology of syphilis.....	658		
serology of syphilis.....	658	Tears, lysozyme content in conjunctival sac and in tears.....	816
serology of syphilis.....	658		
serology of syphilis.....	658	Teeth, caries, problem of.....	458
serology of syphilis.....	658	mottled enamel in a segregated population	461
serology of syphilis.....	658	tooth growth in experimental scurvy.....	129
serology of syphilis.....	658		
serology of syphilis.....	658	Telangiectasis, familial, gastric hemorrhage due to.....	806
serology of syphilis.....	658		
serology of syphilis.....	658	Temperature, comparison of temperatures of animals after injection of blood from malarial and scarlet fever patients and from normal persons.....	283
serology of syphilis.....	658	effect of exposure to ultrahigh frequency field on growth and on reproduction in white rat.....*	723
serology of syphilis.....	658	morphologic changes in animal tissues due to heating by ultrahigh frequency oscillator.....*	744
serology of syphilis.....	658	physiologic and biochemical changes resulting from exposure to ultrahigh frequency field.....*	728
serology of syphilis.....	658		
serology of syphilis.....	658	Tentorium Cerebelli: See Dura Mater	
serology of syphilis.....	658		
serology of syphilis.....	658	Teratoma, intradural teratoid tumors of spinal cord, report of case.....*	875
serology of syphilis.....	658	mediastinal, in infant.....	805
serology of syphilis.....	658		
serology of syphilis.....	658	Testicle, cancer with old epididymal tuberculous	665
serology of syphilis.....	658	extract; action of testicle, kidney and spleen extracts on infective power of bacteria	965
serology of syphilis.....	658	extract; effect of testicular extract on filtrable viruses.....	965
serology of syphilis.....	658	grafts.....	801
serology of syphilis.....	658	multinucleated spermatids in.....	135
serology of syphilis.....	658	origin of fibrous tissue arising in testis of guinea pig following experimental tuberculosis	466
serology of syphilis.....	658	relation of hormone of anterior lobe of hypophysis to.....	801
serology of syphilis.....	658		
serology of syphilis.....	658	Tobacco, excessive use of tobacco and coronary sclerosis.....	802
serology of syphilis.....	658		
serology of syphilis.....	658	Tongue, salivary stone with formation of carcinoma at base of.....	493
serology of syphilis.....	658		
serology of syphilis.....	658	Tonsils, occurrence of numerous large giant cells in tonsils and pharyngeal mucosa in prodromal stage of measles, report of 4 cases.....*	864
serology of syphilis.....	658	relation of mucous glands to.....	677
serology of syphilis.....	658	sudden death from hyperplasia of lingual tonsil	668
serology of syphilis.....	658	Toxin and antitoxin; constitution of toxin and antitoxin and their mode of union.....	486
serology of syphilis.....	658	Trachea, primary tumors of trachea; report of case and review of literature.....*	589
serology of syphilis.....	658		
serology of syphilis.....	658	Trachoma and avitaminosis.....	304
serology of syphilis.....	658	bacterium granulosis in relation to.....	399, 826
serology of syphilis.....	658	cytology of conjunctiva in trachoma and problem of its pathogenesis.....	136
serology of syphilis.....	658	etiology, present knowledge of.....	312, 653
serology of syphilis.....	658	Trauma and dementia paralytica.....	828

INDEX TO VOLUME 11

Trauma—Continued	PAGE	Tuberculosis—Continued	PAGE
and glioma.....	496	BCG; healing of necrotic lesions produced by BCG vaccine.....	486
and sarcoma.....	977	BCG; pathogenicity of <i>Bacillus Calmette-Guérin</i>	654
aspiration and deglutition of brain tissue as evidence of vital occurrence of severe injuries.....	164	carbohydrate metabolism in.....	641
histological changes in nerve cells following injury.....	290	case of lymphoblastoma, Hodgkin's disease and tuberculosis.....	287
movements and other actions by persons fatally injured.....	977	cells found in tuberculous tissues on vital and supravital staining.....	964
relation of surroundings and trauma to diabetes.....	829	congenital.....	480
significance of single trauma in incidence of cancer.....	666	correlation between tuberculous disease and generative processes in female organism.....	479
traumatic asphyxia.....	829	Costa reaction in.....	497
<i>Treponema Pallidum</i> : See <i>Spirochaeta pallida</i>		effect of tuberculosis on subsequent infections.....	656
Trypanosomes, chemical alterations in blood of rats infected with trypanosomes.....	302	effect of tuberculous focus on immune reactions of body.....	319
death in infections with trypanosome <i>equiperdum</i> in rats.....	818	effect of tuberculous infection on metabolism.....	803
experiments on <i>T. lewisii</i> infection in albino rats.....	308	erythrocyte sedimentation test in tuberculosis.....	980
protection of spleen and reticulo-endothelial system against <i>spirochaeta duttoni</i> and <i>Trypanosoma gambiense</i>	827	experimental, epidemiology of.....	137
relation of splenectomy to resistance of rats of <i>Trypanosoma lewisii</i>	671	experimental, influence of hematotoxic substances on.....	828
trypanocidal action of specific antiserums on <i>Trypanosoma lewisii</i> in vivo.....	811	experimental; origin of fibrous tissue arising in testis of guinea pig following experimental tuberculosis.....	466
<i>Tsutsugamushi</i> disease, intraocular infection of virus of <i>tsutsugamushi</i> disease and typhus fever.....	314	fibril formation of epithelioid cells in tuberculous tissue.....	296
Tuber Cinereum: See Hypothalamus		filtrable form of tuberculosis virus.....	655
Tubercle Bacilli, action of slightly virulent tubercle bacilli in experiments with animals.....	828	histology of experimental tuberculosis in different species, a comparative study.....	*896
bactericidal action of iodipin on tubercle bacilli and other bacteria.....	656	influence of antirabic inoculations on experimental tuberculosis in guinea-pigs.....	156
biologic studies on.....	655	leucocytes in, rôle of.....	473
cellular reactions to fractions isolated from.....	982	leucocyte interpretation of Medlar in.....	473
cellular reactions to primary infection and reinfection with tubercle bacillus.....	640	lymphocyte-monocyte ratio in tuberculous infection.....	970
chemical changes from growth of bovine tubercle bacilli on Long's medium.....	474	Neuberg-Kloppstock complement-fixation in properties of methylic tuberculous antigen pseudotuberculosis and tularemia, similarity of.....	*584
culture of.....	479	pulmonary, differential white blood cell count in collapse therapy in.....	669
dissociation of.....	139	pulmonary neoplasm stimulating tuberculosis in adolescence.....	492
filtrable form of.....	656	reaction in experimental tuberculous reinfection.....	488
growth promoting principle in potato.....	474	reaction of connective tissues of normal rabbit to lipids from tubercle bacillus, strain H-37; reaction of connective tissues of normal rabbit to water-soluble protein and polysaccharide from tubercle bacillus, strain H-37; spontaneous pseudo-tuberculosis aspergillina as complication in fraction testing; derivation of giant cells with especial reference to those of tuberculosis; relation of tubercle and monocyte-lymphocyte ratio to resistance and susceptibility in tuberculosis.....	821
in laryngeal smears.....	670	reactions in guinea-pigs following inoculation with heat-killed tubercle bacilli.....	312
nonacidfast forms of.....	656	reinfection and its relation to allergy and immunity.....	487
relationship between inhibiting substances for tubercle bacilli and tuberculin allergy.....	318	relation in children of erythema nodosum to.....	812
types in sputum.....	654	roentgenologic studies of spleen in experimental tuberculosis of guinea-pigs.....	669
types found in tuberculous lesions and in nontuberculous tissue in man.....	310	serologic reactions in a case of tuberculosis of serous membranes.....	679
viability of bovine tubercle bacillus on pasture lands, in stored feces and in liquid manure.....	966	titers of iso-agglutinins in.....	487
virulence of tubercle bacilli in tuberculosis in man and animals.....	656	toxic properties of tuberculo-proteins and polysaccharides.....	965
Tuberculin, relationship between inhibiting substances for tubercle bacilli and tuberculin allergy.....	318	Tularemia, similarity of pseudotuberculosis and tularemia.....	*584
sensitization of cattle to tuberculin by other than tubercle bacilli.....	480	Tumor: See also Cancer; Epithelioma; Sarcoma; etc.; and under names of organs and regions	
Tuberculo-proteins, toxic properties of tuberculo-proteins and polysaccharides.....	965	action of certain dyestuffs on growth of transplantable tumors.....	159
Tuberculosis: See also Tubercle Bacilli; and under names of various organs and regions, as Peritonitis, tuberculous; Suprarenals, tuberculosis		age and sex distribution and incidence of neoplastic disease at Memorial Hospital, New York.....	160
and cancer.....	489		
BCG; attempts to influence spontaneous tuberculosis in <i>Rhesus macacus</i> by peroral administration of BCG.....	487		
BCG; autopsies on 50 children vaccinated with BCG.....	815		
BCG; effect of BCG vaccination of newborn guinea-pigs by mouth.....	488		
BCG from lymphatic ganglions of vaccinated guinea-pigs.....	659		

INDEX TO VOLUME 11

Tumor—Continued	PAGE	PAGE	
biopsy by needle puncture and aspiration.....	158	Undulant fever.....	455
catalytic effect of methylene blue on oxygen consumption of tumors and normal tissues.....	161	enlargement of spleen in.....	826
classification of.....	974	types of Brucella in 129 cases of.....	824
classification of 4000 experimental oil and tar skin tumors.....	320	vaccination of man against.....	815
effect of dyes on virus of chicken tumor No. 1.....	488	Urachus, patent omphalomesenteric duct associated with incompletely patent urachus.....	642
epithelial metaplasia and tumor.....	972	Uranium-thorium colloid in treatment of carcinoma.....	160
etiology of.....	975	Urea, decomposition by bacillus proteus....	824
failure of spleen from tumor-bearing animals to produce tumors.....	158	effect on rate of urea excretion of carmine deposition in cells of renal tubules.....	292
grafting; use of heparin plasma for grafting of spontaneous mammalian tumours into homologous animals.....	492	reaction of central nervous system to experimental urea intoxication.....	459
hypernephroma with tumor thrombosis of vena cava and heart.....	971	Ureter, human ureter with striated muscle and ciliated epithelium.....	*18
immunological relationships of fowl tumours with different histological structure.....	975	Urethra caruncle in female.....	295
intra-articular endothelial tumors arising from synovial membrane.....	289	Uric acid, influence of uric acid on permeability of membranes.....	639
malignant, and their metastases.....	158	Urine, behavior of Escherichia coli and its specific bacteriophage in.....	143
melanotic.....	320	Boltz test in urinalysis.....	979
response of blood vessels to extracts of.....	323	effect of pituitary on ionic output in urine.....	303
significance of muscular "stroma" of argentaffin tumors (carcinoids).....	157	glycuronic acid in urine, quantitative estimation of.....	648
specific morphologic criteria of tumor cells.....	866	quantitative estimation of glycuronic acid of urine as a functional test of liver.....	648
spontaneous tumors of rat.....	159	traces of mercury in.....	960
studies of diseases of lymphoid and myeloid tissues.....	161	Uterus, chorioepithelioma, with special reference to disappearance of primary uterine tumor.....	480
transmitting mammalian neoplasms without intervention of living cells, possibility of.....	662	malignant tumor of cervix in infant.....	976
Tunnell, R.: Colonies of hemolytic streptococci on chocolate agar.....	673	necrosis of uterus following injection of soap powder.....	830
Tuthill, C. R.: Hypertension in relation to blood vessels of medulla oblongata....	*750	ovarian and pituitary changes associated with hydatidiform mole and chorioepithelioma.....	949
Twins, amyotonia congenita (Oppenheim's disease) in identical twins.....	708	Vaccination, Encephalitis following: See under Encephalitis	
Typhoid agglutinins, production of.....	152	Vaccinia: See Smallpox, vaccination	
bacillus, dissociation by cultivation in typhoid-immune serum.....	145	Vagina, induction of pseudo-pregnancy vaginal reaction in spayed mice by injection of human blood.....	796
chronic typhoid cholecystitis.....	956	Vance, B. M.: Injuries of pons.....	599
infections, pathogenesis of.....	827	Varicose ulcer, bacterial flora of ulcer cruris varicosum.....	316
vaccine comparative value of rough and smooth strains of B. typhosus in typhoid vaccines.....	483	Vasomotor system; vasoneurotic diathesis..	463
Typhus fever.....	820	Vaughan, S. L.: Eosinophil response in persons giving positive skin reactions to injections of Dick toxin.....	981
experimental tropical typhus in laboratory animals.....	968	Veins, disseminated venofibrosis.....	*857
intraocular injection of virus of tsutsugamushi disease and typhus fever.....	314	Vena cava, complete occlusion of superior vena cava by primary carcinoma of lung.....	809
relationship of acrotal swelling and rickettsia bodies to Mexican typhus fever.....	306	Venofibrosis, disseminated.....	*857
studies on.....	650	Vertebra: See Spine	
studies on Mexican typhus.....	139	Vioosterol, Irradiated: See Ergosterol	
tropical, in Federated Malay States.....	968	Viruses, effect of testicular extract on filtrable viruses.....	965
tropical rat mite as cause of skin eruption and vector of endemic typhus....	819	neurotropic, septineuritis in.....	968
virus from fleas on wild rats.....	652	Vitamin A, a critical study of vitamin A and carcinogenesis.....	160
Uleer: See under names of organs and regions, i. e., Intestine, ulcer; Peptic Ulcer; etc.		B deficiency; avitaminosis; pathologic changes in nursing and in weaned albino rats suffering from vitamin B deficiency.....	*413
Ulrich, C.: Pathologic dissimilarity in 2 clinically similar cases of blood dyscrasia.....	328	D, effect of vitamin D and parathyroid hormone on storage of calcium.....	802
Ultraviolet light; effect of ultraviolet irradiation on tuberculous peritonitis in guinea pigs.....	474	D sclerosis in rat's aorta.....	296
response of blood platelets to external stimuli; ultraviolet light, iodine and coal tar.....	*241	G, avitaminosis; pathologic changes in albino rat suffering from vitamin G deficiency.....	*425
Umbilicus, diphtheria of.....	817		
Uncinariasis: See under Hookworm			

INDEX TO VOLUME 11

	PAGE		PAGE
Walker, D. J.: Avitaminosis; pathologic changes in albino rat suffering from vitamin G deficiency.....	*425	Wuchereria bancrofti, skin reactions to di-	
correction	600	rofilaria immitis in persons infected with	
avitaminosis; pathologic changes in nursing and in weaned albino rats suffering from vitamin B deficiency.....	*413	Wuchereria bancrofti.....	317
correction	600		
Warren, S.: Significance of invasion of blood vessels in adenomas of thyroid gland	*255	Xanthoma, lipids in.....	302
Warthin, A. S.: Occurrence of numerous giant cells in tonsils and pharyngeal mucosa in prodromal stage of measles.*	864	multiple congenital subependymal xanthomas	957
Water, mechanism of water exchange in animal organism.....	796		
Webster, B.: Pathologic and physiologic aspects of simple goiter as produced experimentally in rabbits.....	505	Yellow fever, filtrability of virus.....	473
Well's Disease: See under Jaundice		identity of yellow fever lesions in Africa and America.....	819
Window method of studying living tissue...	126	in South America.....	962
Woglom, W. H.: Experimental cancer.....	166	kidneys in.....	*561
Woodbridge, H. M.: Human ureter with striated muscle and ciliated epithelium	*18	protective and complement-binding substances in serums of persons convalescent from yellow fever.....	326
Wounds, gas bacillus infection of brain developing 13 years after gunshot injury.	495	structural changes in.....	953
		susceptibility of African monkeys.....	472
		transmission of.....	137, 963
		virus, survival in cultures.....	141
		Zinc salt, poisonous action of zinc salt solutions	978
		Zoeller, A.: Primary tumors of trachea; report of case and review of literature	*589
		Zone phenomenon, intermediate zone phenomenon in certain Br. abortus agglutinating sera.....	815

